

1 I claim:

2 1. An adjustable musical instrument stand, comprising:

3 a base member;

4 at least one stand member connected to and extending substantially vertically from said

5 base member, said at least one stand member having a length;

6 an instrument support vertically adjustably mounted on said at least one stand member;

7 means for moving said instrument support vertically along said length of said at least

8 one stand member;

9 whereby an instrument may be supported by said instrument support and may be

10 adjusted to a desired height by adjustment of said instrument support without

11 removing the instrument from the instrument support.

12 2. The adjustable musical instrument stand of claim 1, whereby said means for

13 moving said instrument support is electronic.

14 3. The adjustable musical instrument stand of claim 1, whereby said means for

15 moving said instrument support is hydraulic.

16 4. The adjustable musical instrument stand of claim 2, whereby said means for

17 moving said instrument support comprises a winch mounted on said adjustable music

18 stand, a cable extending from said winch to said instrument support, said winch

19 operative to take in said cable and thereby adjust the height of said instrument support.

20 5. The adjustable musical instrument stand of claim 4, whereby said at least one

21 stand member has a top end and said winch is mounted on said stand member

22 proximal said top end.

1 6. The adjustable musical instrument stand of claim 4, whereby said at least one
2 stand member has a bottom end and a top end and said winch is mounted on said
3 stand member proximal said bottom end, further comprising a pulley mounted proximal
4 said top end and adapted to engage said cable.

5 7. The adjustable musical instrument stand of claim 2, whereby said means for
6 moving said instrument support comprises: a motor, a screw drive having a threaded
7 screw extending parallel to said at least one stand member, said threaded screw being
8 operatively attached to said motor, said instrument support being adapted to receive
9 said threaded screw whereby activation of said motor causes the rotation of the threaded
10 screw and adjusts the height of said instrument support.

11 8. The adjustable musical instrument stand of claim 3 whereby said means for
12 moving said instrument support comprises: a pump, a piston having first and second
13 ends, said first end being attached to said instrument support and said second end
14 being attached to said base member or said at least one stand member, said piston
15 being in operative communication with said pump such that activation of said pump
16 varies pressure within said piston and causes said piston to vary its length and adjusts
17 the height of said instrument support.

18 9. The adjustable musical instrument stand of claim 1, whereby said means for
19 moving said instrument support comprises a control that may be manipulated by foot.

20 10. An adjustable musical instrument stand comprising:

21 first and second legs pivotally secured together and arranged to define an angle

22 between said first and second legs, each leg having a top end and a bottom end

1 each said top end being adapted to support a musical instrument support;
2 each said bottom end adapted to support in a generally upright position the adjustable
3 musical instrument stand and the musical instrument support;
4 means for adjusting the angle between said first and second legs whereby an
5 instrument may be supported on said musical instrument support and may be
6 adjusted to a desired height by adjustment of said musical instrument support
7 without removing the instrument from the adjustable musical instrument stand.

8 11. The adjustable musical instrument stand of claim 10, whereby said means for
9 adjusting the angle between said first and second legs is electronic.

10 12. The adjustable musical instrument stand of claim 10, whereby said means for
11 adjusting the angle between said first and second legs is hydraulic.

12 13. The adjustable musical instrument stand of claim 11, whereby said first and
13 second legs are pivotally secured together at a midpoint and said means for adjusting
14 the angle between said first and second legs comprises: a motor mounted on said first
15 leg between said midpoint and either of said top or bottom ends, a screw drive having a
16 threaded screw, said threaded screw being operatively attached to said motor, a
17 receiving bracket mounted on said second leg between said midpoint and either of said
18 top or bottom ends, said receiving bracket being adapted to receive said threaded
19 screw whereby activation of said motor causes the rotation of the threaded screw and
20 adjusts the angle between said first and second legs and the height of said top ends of
21 said first and second legs.

1 14. The adjustable musical instrument stand of claim 12 whereby said first and
2 second legs are pivotally secured together at a midpoint and whereby said means for
3 adjusting the angle between said first and second legs comprises: a pump, a piston
4 having first and second ends, said first end being attached to said first leg between said
5 midpoint and either of said top or bottom ends, and said second end being attached to
6 said said second leg between said midpoint and either of said top or bottom ends, said
7 piston being in operative communication with said pump such that activation of said
8 pump varies pressure within said piston and causes said piston to vary its length and
9 adjusts the angle between said first and second legs and the height of said top ends of
10 said first and second legs.

11 15. The adjustable musical instrument stand of claim 10, whereby said means for
12 adjusting the angle between said first and second legs comprises a control that may be
13 manipulated by foot.

14 16. An adjustable musical instrument stand comprising:

15 At least two legs, each leg having an adjustable height, a top end and a bottom end

16 each said top end being adapted to support a musical instrument support, said

17 instrument support being adapted to support a musical instrument;

18 each said bottom end adapted to support in a generally upright position the adjustable

19 musical instrument stand and the musical instrument support;

20 means for adjusting the height of said at least two legs whereby an instrument may be

21 supported by said instrument support and may be adjusted to a desired height

22 without removing the instrument from the adjustable musical instrument stand.

1 17. The adjustable musical instrument stand of claim 16, whereby said means for
2 adjusting the height of said at least two legs moves said at least two legs
3 simultaneously.

4 18. The adjustable musical instrument stand of claim 16, whereby said means for
5 adjusting the height of said at least two legs comprises a control that may be
6 manipulated by foot.

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